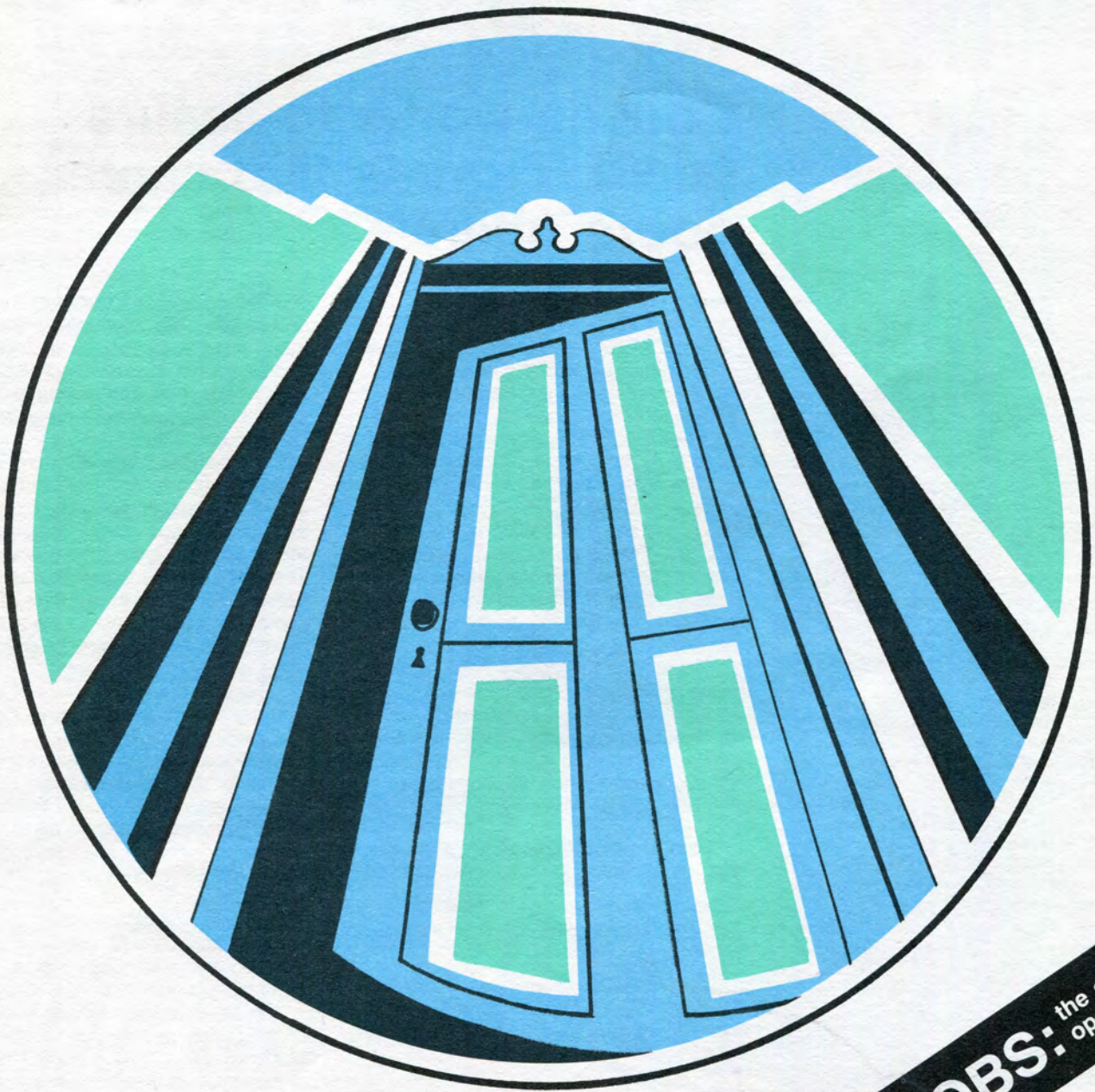
Winter 1978-79

Lawrence
INSTITUTE OF TECHNOLOGY
Magazine



JOBS: the career door opens wider

Close-up

Lawrence Institute of Technology Magazine

vol. 2, no. 4 Winter 1978-79

Published by the LIT Office of Public and Alumni Relations
21000 West Ten Mile Road
Southfield, Michigan 48075.
(313) 356-0200

Editor: Bruce J. Annett, Jr., director of public and alumni relations

Associate Editor: Anne M. Cattermole, associate in information services

Office Secretary: Deborah A. Faes

Photos: Bruce Annett; Walter G. Bizon, BAr'77; Anne Cattermole; Eleanor S. Wright and others.

Job market brightens

College works to assure new LIT grads find career doors open

During his recent campus address, G.M. chief executive and board chairman Thomas Murphy responded to a question concerning career areas where large numbers of career openings could be expected in the future.

"Find a field that you're good in and pursue it," he replied. "There are always openings for qualified people who know what they're doing...."

Murphy's remarks underscore what LIT seniors are discovering—although the overall job market is competitive, opportunities for many soon-to-graduate students or recent grads are promising in almost every discipline offered by the College. New LIT alumni have generally done well when entering the job market. Indeed, for many years the great majority of the College's senior class have been placed well before graduation. Others are usually placed within 30 to 60 days.

To a significant degree, this is due to the efforts of the LIT placement office and the positive influences of the deans and faculty. The placement office has taken a more aggressive position in assisting both students and alumni to find jobs and in informing prospective employers about what types of candidates the College can offer.

Considerable information and direction in preparation for the job search is available in the placement office for students and alumni—tips on preparing resumes, the application letter, and interviewing. The office is also expanding its library of career information in the form of books, company catalogs, corporate annual reports, job search material and placement annuals.

"The role of LIT's placement office is really multipurposed," says Hal McDavid—the College's director of placement since July. "We must recognize the changing 'real world' situation and adjust our activities to truly serve the needs of full or part-time students, and alumni, as well as prospective employers in business, industry, government, the sciences and technology."

McDavid and others on campus have stepped up efforts to visit companies in the field and match future graduates with potential job openings.

"We're constantly striving to be abreast of the needs and desires of employers," McDavid adds. "We're making hundreds of personal visits with business and

industrial people throughout the year. This contact with the 'real world of work' is of great value in bringing LIT's 'theory and practice' motto into reality for employers."

In addition, last year more than 100 companies visited our campus seeking employees, says Blanche Wilson, LIT's assistant director of placement. More than a thousand separate interviews took place. "As we get out in the field, I think we'll increase the number of companies coming to campus," she adds. "Employers are impressed once they see what LIT graduates can do for them."

Unlike colleges with large numbers of traditional just-out-of-high school students, many of LIT's relatively more mature student body hold full time jobs all through college. Most students find their job performance improves as they progress toward graduation. For some, achievement of the degree means a promotion. For others, the sheepskin means increased self-esteem or the mobility to look for better positions elsewhere.

"Placement of soon-to-graduate students is only a part of our task," McDavid continued. "We have many students who seek part-time positions while they're still in school to help with expenses and, for many, to gain experience.

"Employers also need part-time help—to fill peaks of personnel needs, to increase production, to cover work loads of vacationing employees. Often, employers select the best performing part-time people and offer them full-time employment upon graduation. The new employee is already familiar with the firm and its operation."

Alumni placement is also a part of the office responsibilities. "Alumni come to us seeking assistance in career changes, job improvement, or relocation," McDavid says. "It's really gratifying when we can place a person exactly in the position he or she desires."

Employers apparently seem impressed with new LIT graduates if the limited salary information the placement office receives is any indication. From one survey of LIT's 1978 mechanical engineering grads responding to the office's annual placement survey, the average starting wage was $16,574. Electrical engineering graduates reported salaries averaging $17,152. Several 1978 management graduates in accounting reported averaging starting salaries of $13,488.

"We'd know much better how our graduates fare nationally if more would reply to our survey," said Wilson. "However, generally these reported salaries seem very competitive."

The overall employment picture looks good, too. In an evaluation of last year's national college recruiting activity, published in July, the College Placement Council indicated the degree of college recruiting activity was as high, if not higher, than the boom years of the 1960's. Data copyrighted by CPC indicated that overall job offers for bachelors recipients were up 35 percent over 1976-77, and up 90 percent over 1975-76. (The CPC Salary Survey, now in its 19th year, is based on job offers, not acceptances, made between September and June to graduating college students from about 160 colleges or universities throughout the country.)

"In choosing a career, no one has a crystal ball to determine how many jobs might exist in a particular field five, 10, or 15 years down the road," McDavid cautions. "A good outlook for a discipline does not necessarily guarantee a job or an employee's satisfaction with it. Fluctuations in the economy, technological innovation, or the amount of government funding can have an effect. Also, the relative popularity of a job itself can limit opportunities as large numbers of students follow a fad."

"But we're optimistic about the job market for LIT graduates across the board," he adds. "We want our students and alumni to be happy and successful, and the placement office tries to help facilitate this goal. LIT students who know their strengths and build on them should enjoy a bright career future." □

The job outlook in brief

Predictions from the U.S. Department of Labor

Blanche Wilson, (left) assistant director of placement, and F. Hal McDavid, director of placement, help LIT students, alumni, and prospective employers find one another.

These capsule summaries of the outlook for certain employment categories are excerpted from a more extensive listing appearing in the spring, 1978, *Occupational Outlook Quarterly,* published by the U.S. Department of Labor and based upon the Department's *1978-79 Occupational Outlook Handbook.*

For the convenience of readers, the *LIT Magazine* has listed certain career classifications where alumni records indicate sizable concentrations of alumni. These classifications should not, of course, be construed to include the career areas of all LIT alumni. The Labor Department, for example, does not have a general classification in the *Quarterly* for "managers." Also for convenience, the *Magazine* has grouped classifications alphabetically by the LIT School where graduates in that career classification are likely to have majored.

For an explanation of terms and footnotes appearing in this chart, see below.

What do "average growth" and "keen competition" mean?

Employment growth or decline projected between 1976 and 1985

If the statement reads...	*It means...*
Much faster than average growth	50 percent or more growth
Faster than average growth	25 to 49.9 percent growth
Growth about as fast as average	15 to 24.9 percent growth
Growing more slowly than average	5 to 14.9 percent growth
Little change	No more than 4.9 percent growth or decline
Decline	5 percent or greater decline

Competition and Opportunities for Jobs

If the statement reads...	*It means...*
Excellent	Demand much greater than supply
Very good	Demand greater than supply
Good or favorable	Demand and supply roughly balanced
May face competition	Supply likely to be greater than demand
Keen competition	Supply greater than demand

According to your resume you list your major as 'drum'...

Occupation	Estimated employment 1976	Average annual openings[1] 1976-85	Employment prospects
School of Architecture			
Architects	49,000	3,100	Employment expected to rise about as fast as average. Competition for jobs likely. Prospects are best in the south and states without architectural schools.
Commercial artists	67,000	3,600	Employment expected to increase about as fast as average as more artists are needed in areas of visual advertising, such as television graphics and packaging displays, and industrial design. However, even talented and well-trained persons may face competition.
Interior designers	37,000	1,900	Increasing use of design services in business establishments and homes expected to cause employment to grow about as fast as average. Competition for jobs likely, however. Best opportunities for talented college graduates in interior design and graduates of professional interior design schools.
Landscape architects	13,000	900	Employment expected to grow faster than average due to increases in new construction, and city and regional environmental planning. Few jobs available during economic downturns.
Urban planners	16,000	1,100	Employment expected to grow faster than average as Federal support for state and local community development, urban restoration, and land use planning programs increases.
School of Arts and Science			
Chemists	148,000	6,300	Employment expected to grow about as fast as average as a result of increasing demand for new products and rising concern about energy shortages, pollution control, and health care. Except for positions in colleges and universities, good opportunities should exist.
Mathematicians	38,000	1,000	Slower than average employment growth is expected to lead to keen competition for jobs, especially for academic positions. Opportunities expected to be best for advanced degree holders in applied mathematics seeking jobs in government and private industry.
Physicists	48,000	1,100	Although employment will grow more slowly than average, generally favorable job opportunities are expected for persons with advanced degrees in physics. However, persons seeking college and university positions, as well as graduates with only a bachelor's degree, will face keen competition.
Programmers	230,000	9,700	Employment expected to grow faster than average as computer usage expands, particularly in accounting and business management firms. Brightest prospects for college graduates with degree in computer science or related field.
Statisticians	24,000	1,500	Employment expected to grow faster than average as use of statistics expands into new areas. Persons combining knowledge of statistics with a field of application, such as economics, may expect favorable job opportunities.
Systems analysts	160,000	7,600	Employment expected to grow faster than average as computer capabilities are increased and computers are used to solve a greater variety of problems. Excellent prospects for graduates of computer-related curriculums.

Occupation	Estimated employment 1976	Average annual openings[1] 1976-85	Employment prospects
School for Associate Studies			
Engineering and science technicians	586,000	29,000	Employment expected to grow faster than average as more technicians will be needed to support the growing number of engineers and scientists. Favorable job opportunities, particularly for graduates of postsecondary school training programs.
School of Business and Industrial Management			
Accountants	865,000	51,500	Employment expected to increase about as fast as average as managers rely more on accounting information to make business decisions. College graduates will be in greater demand than applicants who lack this training.
Actuaries	9,000	500	Employment expected to rise faster than average as volume of insurance sales increases. However, a large number of qualified applicants may create keen competition for jobs.
Bank officers and managers	319,000	28,000	Employment expected to increase faster than average as rising costs of new technology and services require more officers to provide sound management. Good opportunities for college graduates as management trainees.
Credit managers	53,000	2,500	Employment expected to grow more slowly than average as use of credit by businesses and consumers continues to increase. Best prospects in metropolitan areas.
Economists	115,000	6,400	Employment expected to grow faster than average. Master's and Ph.D degree holders may face keen competition for college and university positions but can expect good opportunities in nonacademic areas. Persons with bachelor's degrees likely to face keen competition.
Health service administrators	160,000	16,000	Employment expected to grow much faster than average as quantity of patient services increases and health services management becomes more complex.
Industrial traffic managers	21,000	[2]	Employment expected to grow about as fast as average due to emphasis on reducing cost of receiving raw materials and distributing finished products. Best opportunities for college graduates with majors in traffic management or transportation.
Lawyers	396,000	23,400	Employment expected to grow faster than average in response to increased business activity and population. However, keen competition likely for salaried positions. Best prospects for establishing new practices will be in small towns and expanding suburbs, although starting a practice will remain a risky and expensive venture.
Personnel and labor relations workers	335,000	23,000	Employment expected to grow faster than average as new standards for employment practices in areas of occupational safety and health, equal employment opportunity, and pensions stimulate demand. Best opportunities with State and local governments.
Purchasing agents	192,000	13,800	Employment expected to increase faster than average as businesses try to reduce purchasing costs. Excellent job opportunities, especially for persons with master's degrees in business administration.
Underwriters, insurance agents, and brokers	490,000	27,500	Employment expected to grow about as fast as average as insurance sales continue to expand. Favorable opportunities for agents and brokers who are ambitious and enjoy saleswork.

Hundreds of full and part-time jobs are brought to the attention of LIT students via the "job board," maintained by the placement office in the administration building.

Moving up?

Thinking about moving up to a new job? When you're interviewing, heed these suggestions, say authors Ruth Kelton and Jacqueline A. Thompson after turning the tables and interviewing corporate recruiting officers to "find out what they are looking for during those tough half hours in which the applicant and employer size one another up."

1. Do your homework. Know something about the company you plan to work for.
2. Be on time for your interview.
3. Be outgoing and ready to volunteer information, but don't be intimidated by silence into revealing too much.
4. Be at ease, but be ready to field the gentle psychological probe—or the ungentle psychological prod.
5. Beware of the lengthy psychological test.
6. Be confident—or act it, even if you don't feel it. After all, everyone is nervous in an interview situation—even the interviewer. He is trying to sell his company to you, too.
7. Know your field and don't hesitate to talk about it and its relevance and uses to your interviewer's company.
8. Ask questions—about the company, about the job you are seeking. You are interviewing your future employer as he interviews you.
9. Dress for the job you want.
10. Tell the truth.

Occupation	Estimated employment 1976	Average annual openings[1] 1976-85	Employment prospects
School of Engineering			
Engineers	1,133,000[3]	56,500[3]	Employment expected to grow slightly faster than average. Good employment opportunities for engineering graduates in most specialties. Some openings also available to graduates in related fields.
Industrial engineers	200,000	10,500	Employment expected to grow faster than average due to industry growth, increasing complexity of industrial operations, expansion of automated processes, and greater emphasis on scientific management and safety engineering.
Civil engineers	155,000	8,900	Employment expected to increase about as fast as average as result of growing need for housing, industrial buildings, electric power generating plants, and transportation systems. Work related to environmental pollution and energy self-sufficiency also will create openings.
Electrical engineers	300,000	12,800	Employment expected to increase about as fast as average due to growing demand for computers, communications equipment, military electronics, and electrical and electronic consumer goods. Increased research and development in power generation also should create many openings.
Mechanical engineers	200,000	9,300	Employment expected to increase about as fast as average due to growing demand for industrial machinery and machine tools. Need to develop new energy systems and to solve environmental pollution problems also will create openings.

[1] Due to growth and replacement needs. Does not include transfers out of occupations.

[2] Estimate not available.

[3] Total does not equal sum of individual estimates because all branches of engineering are not covered separately in *Occupational Outlook Handbook.* □

Behind the Iron Curtain the twain does meet

The Dresden City Hall, where Dr. Hromi attended several EOQC sessions, exhibits Old World characteristics which give the city a feel of its former appearance prior to World War II.

Reprinted with permission of the ***Birmingham Patriot.*** *By Eleanor S. Wright*

A meeting this summer behind the Iron Curtain in Dresden, East Germany, proved for Dr. John D. Hromi the validity of Rudyard Kipling's famous "Ballad of East and West."

Over 800 delegates from throughout the world gathered there for the European Organization for Quality Control (EOQC) meeting to which he was an official delegate. In spite of the fact that "East is East and West is West, and never the twain shall meet," as the poem goes, they learned as Kipling concluded so many years ago, "There is neither East nor West, Border nor Breed, nor Birth, when two strong men stand face to face, though they come from the ends of the earth!"

Dr. Hromi, an associate professor of mechanical engineering in LIT's School of Engineering, represented the American Society for Quality Control (ASQC) and also presented a paper on "Environment-Related Tests in the Automotive Industry." As national treasurer of the 30,000-member American organization, he delivered greetings to the conclave and an invitation to the 1979 ASQC meeting next May in Houston, TX. The 23rd conclave of EOQC will be in Budapest in 1979 and Dr. Hromi again hopes to attend.

"While East German welcoming speakers always included references to the havoc and desolation brought upon the City of Dresden by British and American bombers in the final days of World War II," Dr. Hromi says, "it did not affect the spirit of cooperation that prevailed throughout the conference. Everywhere there was evidence of the cordial atmosphere—in the many kinds of flowers and greenery that surrounded us in auditoriums, in a memorable concert by the Dresden orchestra at opening ceremonies, and in the after-hours conviviality in which the many delegates from behind the Iron Curtain joined."

The 1978 meeting was held in two famous historic buildings—the Dresden Rathaus (city hall) and the Great Hall of the Kulturpalast (civic center). Its objective was to popularize new methods and

knowledge of quality guidance with emphasis on economic problems of common interest, quality assurance and standardization.

"Dresden is a fascinating Old World city," Dr. Hromi points out, "but not all the centuries-old buildings survived the bombing. Arising today from the rubble are apartments, hotels, schools, stores, theatres and industrial complexes, many of which bear signs that attest to the East German friendship with the Soviets.

"You enter the center city from a bridge across the River Elbe through ancient gates and are conscious of the changing skyline. There are famous museums like the Zwinger, which features paintings of 15th, 16th and 17th century artists, and churches like Cross Church on a site on which people have worshiped since 1206.

"Life in East Germany seems to be rather austere," he observes. "We saw little or no spontaneous gaiety but, on the other hand, not many people appeared to be discontented. In general, everyone we met was kind, gracious and hospitable. Many were curious about life in the West to which travel is restricted. Clothing was stylish and comparable to ours in price but salaries are less, so prices are higher in terms of hours worked. Some consumer goods are not plentiful; for example, I was told that the waiting time for cars is 10 to 12 years. Streetcars, taxis and buses are available and traffic is moderately heavy."

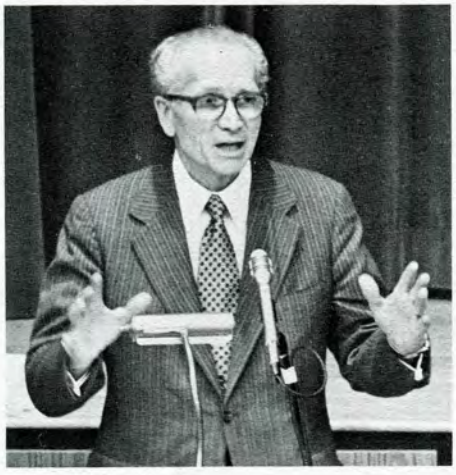
Because of his involvement in engineering education at LIT, Dr. Hromi visited the Technical University of Dresden, which at the end of the war was left with one building. "This year," he notes, "the University is celebrating its 150th anniversary in an ever-expanding structural complex and enrolls about 16,000 students, some living on campus, some commuting and some attending satellite campuses or taking correspondence courses." He believes its engineering school, where he saw demonstrations, is "well-equipped."

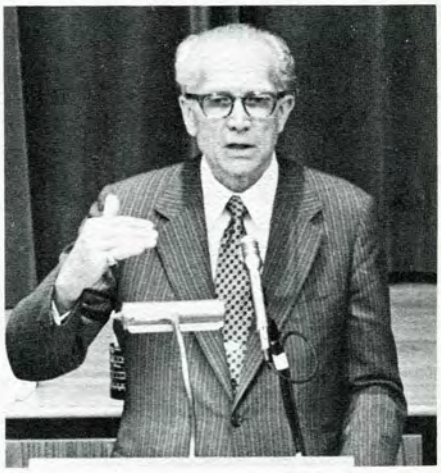
"Students there receive philosophical indoctrination of which we were very conscious as we toured," he emphasizes. "It is unfortunate that higher education is not available there to all children."

Summing up his experience as a delegate for ASQC, Dr. Hromi says, "it was a grand opportunity for me to make new friends of Europeans in quality-related work and to have my first look at today's Old World. I stepped into a world where language was hardly a barrier and quality had a flavor of commonality. I was quick to learn that those of us in quality control work—Europeans, Asians, Americans and many from other continents—are more alike than different. We seek to cooperate, broaden our understanding and improve." □

Dr. Hromi, left, greets J. J. Koivula of Finland, presiding officer at the 22nd Conference of the European Organization for Quality Control in Dresden, East Germany.

Features





GM Chairman brings 'Murphy's Laws' to LIT

Auto giant's chief exec sees 'good times' ahead for country

Thomas A. Murphy, chairman of the board at General Motors Corporation, has his own version of "Murphy's Law" which he shared with members of the audience at the beginning of his November 7th talk at LIT—"Why is it that whatever hits the fan is never evenly distributed?"

But, despite this humorous pessimistic observation, Murphy went on to express a great deal of optimism in the future of the country, the state of the economy, and the outlook for LIT graduates.

"I think you've picked a great time to be going through this great institution because I think the economy of the country is in good shape and I think it will remain in good shape in the foreseeable future," he stated to the over 400 people gathered in LIT science auditorium or watching via closed-circuit TV.

"We have more people at work today in this great country of ours than we've ever had before—a higher proportion of our population; they're earning more money, in real terms, than they've ever earned before; we have customers in a willing frame of mind, as far as purchasing is concerned; and it all adds up, to me, to a good sound basis for continued growth through 1979."

LIT graduates were warned, however, about a possible pitfall which students can fall into.

"Don't overspecialize," Murphy warned, "and don't overlook the environment around you—the world in which you live. Yes, you've got to excel in your specialty but you also have to recognize that you are a part of society, you're a part of the community and you should make a contribution to the community as well as to your specialty."

"Build on whatever humanities background you've received here at LIT and recognize that you have to relate to the people outside the academic community...."

Murphy also marveled during his speech at the advances made in the past 100 years, noting that even a few years ago there were no such things as, "lasers, electron microscopes, the wishbone offense, hard rock, and John Travolta."

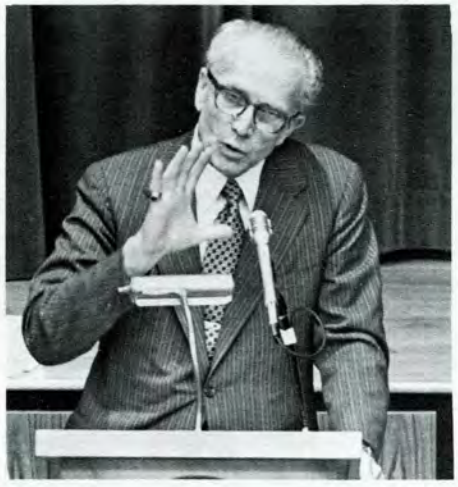
'All life is a risk. A riskless society is a choiceless society—institute the necessary safeguards and move ahead.'

"In 1860, 85 percent of the energy consumed in this country was wood...and most of the rest of it was coal and petroleum wasn't even in the picture. By 1920...approximately 85 percent of the energy consumed in this country was coal, (wood was out of the picture) and the balance was petroleum.... Today 85 percent of the energy consumed is petroleum (which wasn't in the picture about 100 years ago...) and the advance of technology handled those things and we made the transitions because we didn't have an energy department at that time."

Murphy also expressed his wariness of excess regulation by adding, "We probably know more today about the environmental impact of nuclear energy than we knew about the possible effects of coal burning or petroleum combustion at the time that those first appeared on the scene. Still, the construction of nuclear plants in our country is virtually paralyzed by fear of waste disposal and possible accident or theft by atomic bomb wielding terrorists. Meanwhile, in other countries with whatever dangers might be true in the handling of nuclear power—work is proceeding."

But when asked about his views on the effects of government regulation on industry Murphy noted, "...you know we all have to face this fact. We can criticize people in the government, we can say 'why don't those people in government do this and why don't they do that better,' but they're us. We elected them and if we don't like the way they do things then we ought to get them out of office. We ought to get up on our hind legs and we ought to go in that voting booth."

In a more humorous light, Murphy informed the audience that his continually correct predictions about auto sales volumes are not really as mysterious as some people think, "As far as a crystal ball is concerned," he quipped, "I had a meeting with some of our dealer groups recently and I told them...I don't worry about those predictions. I just make the predictions and it's up to you guys to deliver the sales."



Murphy also drew a round of applause and laughter with his comments on Lee Iacocca, recently named president of the Chrysler Corporation. "Lee Iacocca is...an accomplished executive. I think he will do a good job wherever he works and I wish him a limited degree of success."

The main thrust of his talk, however, still centered around the opportunities available in America now and in the future. "The system isn't perfect but, by gosh, it's better than anything anybody else has had and we ought to work to improve it, not to abandon it."

But he cautioned, in what he considered the most important point of his talk, we must "guard our freedoms" and not give them up as other civilizations had done. "I think it was Edward Gibbon who said this about the Athenians—and remember, they not only invented democracy, they invented the word, itself. But these people...in the end, more than they wanted freedom, wanted security; they wanted a comfortable life and they lost it all—security, comfort, and freedom...when the Athenians finally wanted not to give to society but for society to give to them. When the freedom they wanted most was freedom from responsibility—then Athens ceased to be free."

If Murphy has his way, this will never happen in America. His philosophy on life probably sums it up best, "All life is a risk. A riskless society is a choiceless society—institute the necessary safeguards and move ahead."

And, by the thrust of his LIT talk, that is exactly what Thomas Murphy hopes to continue to do at General Motors. □

'Let's inspire'

A conversation with LIT's dean of architecture

Fourth in a series on LIT deans.

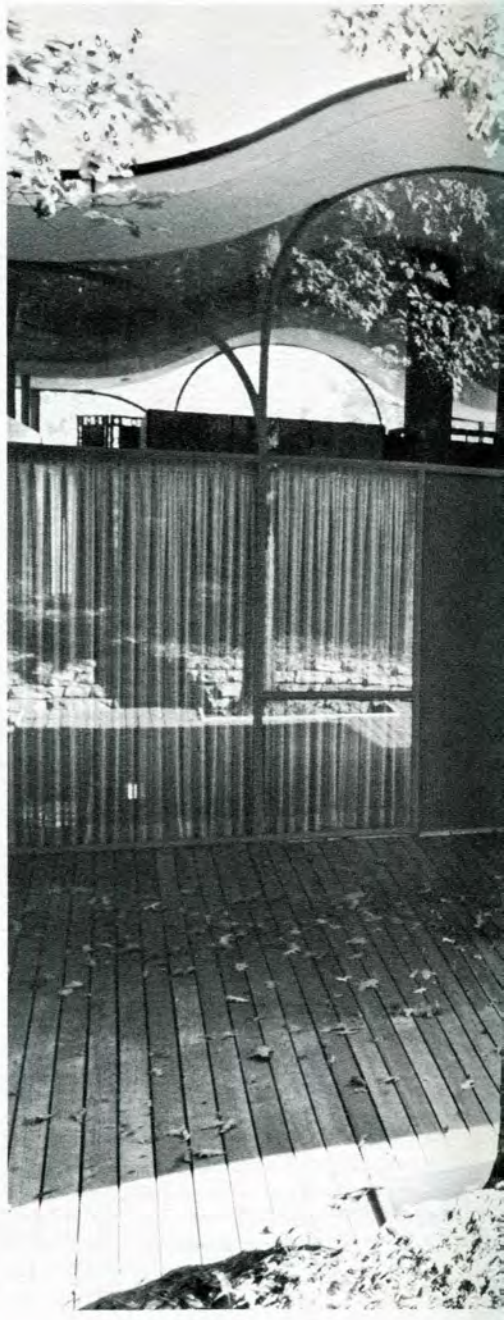
"You probably won't print this because it lacks staid academic puffery, but my philosophy of the type of architecture that we should teach is the type that helps man rise above the 'chaos' he has to deal with in everyday life. Good architecture should elevate, uplift, and even inspire—and that's the type we should expound."

The statement was classic Karl Greimel. As dean of the nation's largest undergraduate architectural program—the 1041-student School of Architecture at Lawrence Institute of Technology, Greimel has developed a reputation for straight-talking, no-holds-barred forthrightness. He is incisive, confident, and self-assured.

"Maybe it's my Germanic upbringing," he mused, settling down in a chair in his seldom-occupied campus office. Like the deans of LIT's other four Schools, Dean Greimel faces herculean academic and administrative responsibilities that seemingly keep him out in the campus "action" much of the day.

Greimel came to LIT in 1974 at the request of then-Dean Earl W. Pellerin—the College's first dean of architecture who retired in 1975 after serving 43 years. A well respected architect in his own right before entering education, Greimel designed structures ranging from small private residences to public schools and a $25 million state hospital project. Major clients included numerous Michigan cities, the Detroit Public Schools, the Oakland Medical Center, the State Department of Natural Resources and the State General Services Administration.

Born in Detroit and raised in Jackson as the son of a literary mother and machinist father, Greimel received an associate degree at Jackson Community College, attending classes with friends like David Cargo, recent governor of New Mexico and Jim McDevitt, an apollo astronaut. The dean received his bachelor's degree in architecture and a master's degree in business from the University of Detroit.



"My mother probably awakened my interest in art," says the dean, "while my father, a toolmaker, awakened a strong interest in technical pursuits—in machine-made objects. Frank Lloyd Wright had a great influence on me as well. He made a profound break with traditional architecture, yet had the ability to bring together the humane art of architecture with the technology of this Century."

Greimel practiced with the architectural companies of Giffels and Associates,

Among many institutional, commercial, and residential structures Dean Greimel has designed is his own home in Rochester, where he resides with his wife, Jill, and two sons.

Meathe, Kessler and Associates and Minoru Yamasaki prior to establishing his own firm which eventually merged into Greimel, Malcomson, and Hammond—one of Michigan's oldest continuing architectural firms.

Before coming to LIT, and while still in private practice, Greimel had also served on the faculty, as assistant dean and acting dean of the University of Detroit's School of Architecture.

Greimel's initial task at LIT was to guide establishment of the post graduate bachelor of architecture degree program. (LIT already offered the undergraduate bachelor of science in architecture degree).

As part of that development, Greimel was also assigned the task of seeking the new program's professional accreditation by NAAB, the National Architectural Accrediting Board. All LIT programs are academically accredited by the North Central Association.

"Education has played a very rewarding role in my life," he says. "A way that I've been able to repay my debt to my profession has been by contributing to the education of young architects. At the same time I'm benefiting from the challenges of what young people offer in the classroom and keeping pace with contemporary society."

"LIT has been particularly challenging. Its size, willingness of the administration to respond to progressive new ideas in professional education and a relatively free hand in achieving academic goals have been attributes I've enjoyed."

Although deeply involved in academics, the dean has not neglected continued active service to his profession. He has served as president and director of the Detroit Chapter of the American Institute of Architects, director of the Michigan Society of Architects, and director of the Detroit Chapter of the Construction Specifications Institute. He is also chairman of the Professional Skills Alliance of Detroit. As time permits, Dean Greimel remains active in the field of urban consulting—including work with the communities of Clawson, Brighton, Walled Lake, Pontiac, Munising and Berkley.

"Architects can serve to meet many challenges in the future," he says. "I see the field expanding from basically a studio pursuit to a much broader program of opportunity in government service, finance, marketing, urban and environmental planning. In addition to formal schooling in architecture, individuals dominant in the profession will continue to seek additional training in design, construction, and finance."

"Architectural training is the Twentieth Century counterpart of the classic 18th Century liberal arts movement," he adds. "It provides the contemporary person with the mathematical, scientific, artistic, cultural and problem-solving perspective necessary for success in a modern urban world."

"Things look bright for architecture at Lawrence Institute of Technology," he assesses. Our program is flowering. The roles our graduates fulfill and the wide variety of professional support we enjoy is indicative. Recent events like the 50-fold increase in architectural firm contributions, additional private endowed scholarships, the permanent loan to the College of the remarkable Albert Kahn library, the gift of the Redstone Building and, of course, the Frank Lloyd Wright-designed Affleck House are all tremendously positive steps forward."

"The best is yet to come," he smiles confidently. □

Looking forward

Dr. Richard E. Marburger discusses his first year as LIT president

Q. The comment has been made by members of the faculty and staff that it is impossible to tell the difference between Dr. Buell's management of the College and yours. Should we look for change?

A. For years, LIT has been recognized as one of the best managed and most efficiently run colleges in the country. We plan to continue the academic and

managerial policies established by my predecessor.

The growth and future direction of the institution has been prudently conceived and carefully chartered over a period of years. New academic programs are considered and existing programs strengthened by carefully researching what will be best for our students and the professions in which they will seek careers.

As does Dr. Buell and all our academic and administrative staff, I strive to be easily accessible to students, faculty, staff, and alumni and others who seek me out. A healthy interchange of thoughts and ideas assures actions that are in the best interests of all.

Q. Would you clarify the relative positions of Dr. Buell and yourself?
A. I report to Dr. Buell. He is chairman and chief executive officer; I am president and chief administrative officer.

Q. What does this mean?
A. To use a football analogy, I am the quarterback. Dr. Buell is the coach. The deans, faculty and staff are the backs and wide receivers who score the academic "touchdowns." The analogy could be extended but I believe this conveys the essence of the way we operate.

Q. Do you really call the plays?
A. Yes. However, Dr. Buell, like a coach, reserves the right to send in a play from the bench. After all, he wrote the playbook.

Q. What has been your most satisfying experience during the past year?
A. The continuing realization that our outstanding faculty, staff and student body represent the most precious asset of the College. Our primary commitment is, of course, to excellent teaching.

I also feel fortunate to work with a remarkably hard working and creative staff. The deans, for example, continue to demonstrate that, pound for pound, they are unexcelled. Dean Davis has recently been named winner of the prestigious Gold Award of the Affiliate Council of ESD. Dean Greimel's standing in architecture has been demonstrated by the fact that the College was entrusted with the valuable Albert Kahn collection of books and architectural manuscripts, as well as the Affleck House designed by Frank Lloyd Wright. Dean Lahr's active participation with organizations such as the Southfield Chamber of Commerce and the Economic Club of Detroit attests to his professional recognition. Dean Margosian's grasp of "systems" accounts for important contributions he has made, such as the outstanding computerized registration system. His fellow deans trust him to interweave the intricate schedules of the four baccalaureate schools with mathematical precision. Dean Michel has added great luster to the image of the College with the sponsorship of the Detroit Section of the Optical Society of America, the Metropolitan Detroit Metric Council and other important professional organizations that are headquartered on campus.

All staff contributions add to our total stature as a college.

Q. What is the greatest challenge you've faced?
A. The greatest challenge is two-fold and is a problem that we all share and have faced for some years. I refer to the urgent need for public recognition of the academic excellence that we in fact possess and for the additional space—the projected Management and Student Activities buildings—that is necessary to accommodate our student body in uncrowded conditions. We are absolutely out of classroom, laboratory and office space.

Q. What is the answer to these problems?
A. Dr. Buell, Vice President for Development Harrington, the deans of the College, myself and many others carry on an extensive schedule of lectures, visits to persons and organizations interested in the College and other activities designed to convey our message. In this way, we work to attract the support necessary to meet our requirements.

Q. Aside from financial investment in the College, what else can LIT alumni do to aid their Alma Mater?
A. Recommend to qualified prospective students that they consider the fully-accredited programs at LIT. Simply ask them to contact the Admissions Office. Our alumni have established a remarkable record of performance in business and industry. It is helpful if they make certain their management is aware that they are graduates of LIT.

Q. Although nationally the number of traditional "just out of high school" college students is declining, enrollment at LIT is up again this autumn. How long can LIT "buck" the trend?
A. LIT is near capacity insofar as size of the student body is concerned. We do not intend to exceed our optimum size which is 5,000 to 5,500 students. There are large numbers of highly qualified prospective students who as yet are not aware of the educational advantages of LIT. It is our job to get the message to them.

Since its founding, the College has been a leader in offering educational opportunities to working students. The popularity of our evening programs attests to this and should continue.

Another important facet of enrollment is retention. The personal attention received by students from faculty and staff on this campus is of a high order. I would be remiss if I did not point out that Presidential Secretary Rosemary Hodges deals just as cordially and effectively with the many students who come to my office as she does with the offices of high corporate officials. The same is true of Beulah Buck, registrar, Delores Larkins, manager of the bookstore and the many other student-oriented staff members. The departmental secretaries are most effective in helping students and arranging for them to see the faculty and deans.

Q. Are there attributes of LIT that you are working at strengthening?
A. In addition to my comments about accurately conveying the image of the College and the need for space, we continually strive to add first-class persons to our already excellent faculty and staff.

Q. Looking ahead at LIT's future, do you see the College's academic, professional or community roles changing?
A. No. The wording of the question is very apt. Our priorities are academic, professional and community, in just that order. Our primary commitment is to excellence in teaching. We emphasize the professional aspects of our five Schools. Our service to the community is extensive and increasing. Our ability to accomplish our missions will be greatly enhanced as we successfully meet the challenge of getting our message to the public and of getting the urgently needed additional facilities. □

TOGA! TOGA! TOGA!

Fraternities: the "Animal House" fiction...

Toga parties live, but fraternities fret over image

Photographs and excerpts from a story appearing in the ***Southfield Eccentric,*** *December 4, 1978. Reprinted with permission.*

By C. J. Risak

"Toga! Toga! Toga! Toga!"

That's the rallying cry of the Delta fraternity in the movie, "Animal House," when they discover their house is about to be closed because of their outrageous behavior and low grades.

The movie's setting is a college campus in the northeastern part of the country. "Toga" parties weren't the only things the Deltas did to keep themselves amused. Other "activities" included hazing pledges, attacking the neighboring fraternity, harassing the administration, peeking in the sorority house's windows, starting food fights, shoplifting, stealing test papers—and drinking an incredible amount of beer and liquor along the way.

Who would ever argue with a lifestyle like that? Free to live out all of your fantasies, to do whatever you like without regard to the consequences. If fraternities are half as much fun as they seemed to be in the movie, it would be worth it to go back to college just to join one.

Of course, fraternities can't be the same as they are in "Animal House." That took place back in the early 1960s, and times have changed. So what are fraternities like nowadays?

In Southfield, you don't have to go far to find out. There are fraternities here associated with Lawrence Institute of Technology....

LIT has three fraternities and two

TOGA! TOGA! TOGA!

...and LIT fact

sororities. One of the fraternities—Phi Kappa Upsilon—is located on Nine Mile Road in a large, castle-like house surrounded by a cyclone fence. But there are no beer bottles on the lawn and nothing ever flies out the windows. In fact, the house looks well kept—not at all like the "Animal House."

Steve Shapiro, a member of Phi Kappa Upsilon and president of the LIT Interfraternity Council, says fraternities aren't all they're cracked up to be in the movie.

"We really try to change some of the misconceptions that people have about fraternities," Shapiro said. "Most of the publicity we get is bad. Like that movie that came out last year—'The Hazing.'

"It's not like that at all. We don't allow any physical hazing. In fact, it's against the law."

The law didn't bother the Deltas in "Animal House." No hazing? That's half the fun of a fraternity, at least in the movie. But what about all the other neat stuff?

"Lawrence Tech isn't very good for parties," Shapiro said. "We try to bring some kind of social activity to the campus. Our fraternity (Phi Kappa Upsilon) was founded by the founder of the college, Russell Lawrence, because he felt the campus needed some social life."

So what kind of social life do the Phi Kappa Upsilon's have? What is their "Animal House" like?

At first glance, it doesn't appear to be much like the Delta's house. The inside is neat and clean.

"When the Institute moved here from Highland Park in 1956, we moved in here," Shapiro said. "We bought it from some gangsters. They needed the money because they had been busted.

"They built it in 1949 and we bought it in 1959," Shapiro explained. "They used to have all sorts of hidden rooms and hiding places. We've found most of them, but some are still around here." □

On-campus

ECPD accredits associate programs

The Engineers Council for Professional Development (ECPD) has granted accreditation to Lawrence Institute of Technology's associate degree programs in mechanical technology and electrical and electronic technology. The professional accreditation is in addition to the College's overall program accreditation by the North Central Association of Colleges and Schools.

"ECPD is a highly respected group made up of and guided by most of the national engineering societies," says Dr. Richard E. Michel, dean of LIT's School for Associate Studies. "Through accreditation, ECPD seeks to identify those engineering and engineering technology programs that meet or exceed certain criteria."

The College's baccalaureate programs in engineering were accredited by ECPD in 1975, and LIT's bachelor of architecture degree program was accredited by the National Architectural Accrediting Board in 1974.

Enrollment in the School for Associate Studies in September was 670 men and women students. □

Another enrollment record

Record numbers of women, ethnic, and evening baccalaureate students enrolling in September at Lawrence Institute of Technology have contributed to establishment of a new College registration record. Total enrollment is 4,860, up from the record 1977 autumn total of 4,754.

Included in the tabulation of students are 611 women, an increase of 27 percent, 454 ethnic minority students and 1,745 evening baccalaureate students. Women now represent 12.57 percent of the total student body (up from 9.86 percent in 1977-78) and other minorities 9.33 percent (up from 8.2 percent in 1977-78). Evening baccalaureate enrollment a year ago was 1,606 students.

"This student growth," says Dr. Richard E. Marburger, president, "is indicative of College admissions efforts to show that degrees can be attained at our College in either the full-time day or evening curricula and that women and other minorities are welcome and are very much a part of the discipline training we offer." LIT has Schools of Arts and Science, Architecture, Engineering, Business and Industrial Management and Associate Studies.

"The increase also reflects the strength of our career-oriented programs, the relatively low cost of education here as compared with other private colleges, and our central location in a widely diversified industrial and commercial region," he noted. □

Development administrator named

Edward P. Nagel, of West Bloomfield, has joined the College as director of development. He will report to G. Robert Harrington, LIT's vice president for development, who has served in this capacity since retiring as a Michigan Bell executive two years ago.

"Ed will participate in overall planning and execution of fund raising activities," Harrington stated. "He will share responsibility for alumni fund raising, corporate and foundation solicitations, and will contribute his expertise to the anticipated long range capital campaign."

As former executive vice president of Junior Achievement of Southeastern Michigan, Nagel directed the activities of one of the nation's largest youth-oriented economic education programs, serving 27 community locations in a seven-county area from Detroit headquarters. He has been with the area organization since 1958, serving first as a program supervisor, then director of business relations and as executive director before becoming executive vice president in 1968.

Among his accomplishments are the initiation of the nation's first summer job education program for inner city youth in conjunction with the National Alliance of Businessmen and a new program called "Project Business" for the Kellogg Foundation to provide economic education to junior high school students. He has contributed to program expansion in the Detroit area and directed multiple fund raising campaigns that exceeded the annual Junior Achievement quotas.

Nagel earned a bachelor of science degree in education at Michigan State University in 1951 and in 1958 took a year of accounting at Wayne State University. He served in the Korean War with the U.S. Army infantry.

Civic activities include service on the West Bloomfield Township Planning Commission. He belongs to the Association Executives of Metropolitan Detroit, the Detroit Rotary Club, the Economic Club of Detroit and the Detroit Athletic and Press clubs. □

New trustee directs Chevy engineers

Lloyd E. Reuss, director of engineering of the Chevrolet Motor Division of General Motors Corporation, Warren, has been named a trustee at Lawrence Institute of Technology. The Board of Trustees manage the College, according to Dr. Wayne H. Buell, chairman of the board.

Mr. Reuss has served as Chevrolet's director of engineering since November 6. He had served as chief engineer for the Buick Division since 1975. The Belleville, IL, native joined G.M. in 1959 and has held a number of increasingly responsible positions within the Corporation, including serving as chief engineer for the 1970 Camaro and chief engineer for the 1970-73 Chevrolet Vegas. In April of 1973, he was promoted to the position of divisional manager of product planning for Chevrolet, holding that position until his move to Buick as chief engineer.

Mr. Reuss earned his BSME degree from the University of Missouri (Rolla) in 1957 and subsequently served two years as a first lieutenant in the Corps of Engineers. He is also a graduate of the Massachusetts Institute of Technology's Senior Executive Course. He is a member of Pi Tau Sigma and Tau Beta Pi honor fraternities and the Society of Automotive Engineers. He is an elder of the First Presbyterian Church in Birmingham and resides in Bloomfield Hills. □

Active chemists commended

The Lawrence Institute of Technology student chapter of the American Chemical Society has been given a rare honor by the national Council Committee on Chemical Education.

Because of its fine record of performance during the 1977-78 academic year, the chapter has been awarded a commendation for outstanding excellence, given to only 27 out of 710 chapters in the nation. The commendation was based on the group's activities which have included guest speakers, tours, and other career-oriented events. The chapter is open to all chemistry majors at LIT, and has won four consecutive honor awards from ACS prior to this commendation.

Serving as president during the 1977-78 year was Judith A. McFall of Madison Heights, a third year chemistry major at the College. The chapter's advisor is Dr. Jerry Crist, associate professor of chemistry. □

Construction engineers charter LIT chapter

In a ceremony attended by national, state, and local representatives, the LIT student chapter of the American Society of Civil Engineers (ASCE), was officially chartered November 30 at the College.

The charter was presented to Mark Petterle, president of the student chapter, by Peter Tavino, manager of student services and membership, from ASCE national offices in New York. Also, in attendance were several members of the Southeastern branch of ASCE including President Harold "Bud" Gilley, and representatives from the Michigan section of the Society.

A total of 48 students were inducted into the chapter including Petterle as president; Steve LeClerk, vice president; Michael Trepkowski, secretary; Marina Banchere-Shumate, treasurer; and Glenn J. Hammons, student government representative. Professor George Bowden, chairman of the construction engineering department at LIT, is the chapter's advisor.

ASCE is one of the oldest professional societies of engineers, dating back to 1852 when it was officially chartered as an organization. Before that time, according to Franklin D. Meyers, director of ASCE District 7, who reviewed the society's history at the ceremony, the organization was affiliated with the American Institute of Architects. The AIA formed an independent organization just before 1852.

The objectives of the College's chapter, open to all 300 LIT construction engineering students, will be to encourage the development of a professional consciousness, provide a friendly contact with the engineering profession, explore the principles of the world-wide construction field, keep the membership abreast of technical and professional advances in the field, and promote the construction engineering program in the College and the community. □

The new LIT/ASCE student chapter charter is proudly displayed by officers (L to R) Michael Trepkowski, secretary; Marina Banchero-Shumate, treasurer; Mark Petterle, president; George Bowden, faculty advisor; Glenn Hammons, student government representative; and Steve Le Clerc, vice president.

Career Fair. *Lawrence Institute of Technology students were well represented during a recent Career Fair hosted at Southfield's Tel-Twelve Mall. The fair was part of the Oakland County Science and Engineering Mini-Fair Series and was viewed by a number of weekend shoppers.*

Presidents Club welcomes 42

The LIT Presidents Club inducted 42 new members at its annual autumn dinner meeting October 21. The new members bring the Club's total membership to 239.

The Club was founded in 1974 by alumni and friends who were interested in helping assure the continued success of LIT and who sought to provide a sustained level of generous support. Members have two special dinners annually, in the autumn and spring, to discuss College advances and projects with LIT administrators and faculty, and to hear special presentations.

New Presidents Club members join by signifying an intent to invest at least $1000 in the College over a 1 to 5 year period (or $750 if they are employed by a matching gift company.) Past gifts are cumulative. Wills, trusts, gifts of real estate or other bequests may also be considered as membership criteria.

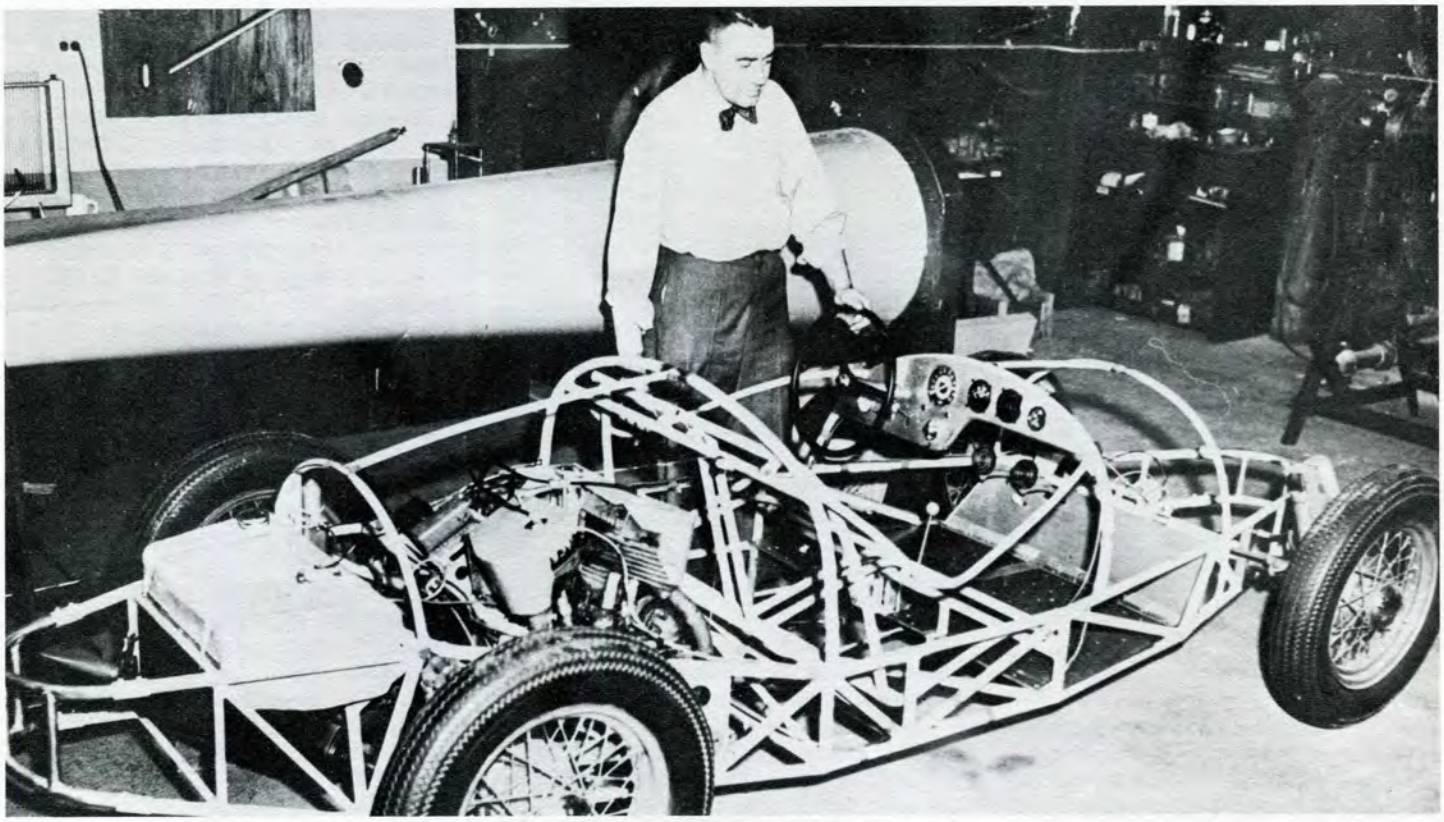
The 1978-79 Presidents Club Board of Directors consists of **C. Lee Zwally** EE'41, president; **Arthur Kelley** ME'47, vice president; and directors **Frank E. Noggle** ME'70; **Roger F. Shtogrin** IM'61; **John Popovich** ME'40; **Bruce R. Polkinghorne** ME'50; and **Robert J. Schlaff** IM'62. **Stephen R. Davis,** dean of engineering, is secretary-treasurer.

The Presidents Club members inducted in October are: Mr. and Mrs. **Gregor P. Affleck;** Mr. and Mrs. **Donald G. Alcorn** Me'47; **Paul S. Allmacher** IM'73; **Irving Appelblatt** ME'47; **Roger E. Avie** IM'68; **Clayton O. Baker** IE'51; **Edward J. Baker** ME'49; Mr. and Mrs. **Richard V. Bernard** CivE'50; Mr. and Mrs. **Stanley L. Buckay** ME'42; **Steven V. Darst** IM'61; Mr. and Mrs. **Carroll F. Donahue** IM'73; **Edwin H. Donaldson** ME'48; **John F. Fisher** IM'57; **Floyd W. Hansen** ME'54; **Robert T. Heck** IM'74; **Robert C. Hubbard** Ar'63; **William W. Ironside** ChE'40; **William P. H. Jones** IM'68; **Jodie and Dick Kughn; Ruth and Bill Lomas** ChE'53; and **George N. Lounsbery** ME'51.

Others are: Dr. and Mrs. **Karl F. Lutomski; Ralph E. Maly** TI'58; Mr. and Mrs. **Joseph J. Markus** IM'68; **Hans A. Matthias; Robert F. Mettler** ME'49 & IE'53; Mr. and Mrs. **Theodore Milek** ME'51; **Alvin R. Prevost** ArE'51; **Theodore T. Racchi** ME'73; The **Ronald Rainson** Family EE'66 & IM'69; **Robert Rudolf Reiner** EE'66; **John Sebu** IM'68; Mr. and Mrs. **David W. Sickels** IM'76; **Russell F. Stem** ME'52; **Ely Tama** IM'69; Mr. and Mrs. **Elvin A. Taylor** ME'45; **Tess** EE'49 and **Jim Tierney;** Mr. and Mrs. **Thad S. Treciak** IM'72; **Robert** ME'53 and **Arlene Williams; Clifford N. Wright** ArE'45; **Alan D. Zahm** Ch'73; and **Ronald W. Zahm** MA'75. □

SAE's are tops nationally for fourth year

For the fourth consecutive year, LIT's student chapter of the Society of Automotive Engineers has been named the nation's "outstanding student chapter" in the "above 75-members" category. The award is based on the chapter's activity program. Shown accepting the chapter's award are (L to R) Hugh Ross, vice-chairman; Peter Masalskis, treasurer; Stephen M. Harridge, secretary; Richard Woroniec, ME'78, 1977-78 chairman; and William Standley, 1978-79 chairman. Richard R. Lundstrom is faculty advisor.



Dr. Erneman examines the "Hansmobile," then under construction, in this early 1950's photograph.

Dr. Erneman dies at 70; headed engineering school

"To me, the most striking and memorable characteristic about Dr. Erneman was his ability as a teacher. He...had the gift of being able to inspire.... Often he would tell that his primary aim was not to help students to accumulate a mass of data and facts, but to teach them 'how to think.'"

—Dr. Victor Angelescu, chairman, Department of Humanities. From his remarks at the memorial service for Hans Erneman.

Dr. Hans G. Erneman, professor emeritus of engineering, died October 5. He was 70.

Dr. Erneman joined the LIT faculty in 1941 as an instructor in the department of mechanical engineering, of which he was named chairman in 1953. In 1962, he became director (dean) of the School of Engineering, retaining his position as chairman of mechanical engineering. He retired in 1973. At the 1973 Commencement he was awarded an honorary doctor of engineering degree by the College.

An advocate of "hands-on" education, Dr. Erneman encouraged and participated in such student projects as the design and building of a single seat experimental racing plane, and a 4-cylinder, 1.5 liter auto affectionately dubbed, "the Hansmobile."

"Dr. Erneman took a real interest in students and their potential for success," says Charles Vranian, ME'49, a student of Erneman's and now chief engineer of vehicle development at Ford Motor. "He stressed the need for a solid academic background and wouldn't hesitate to push students he thought could do better."

"From the relationship I had with him," adds Dr. Guilder Jackson, professor of humanities and former dean of academic affairs. "I am totally and enviously convinced of his superlative ability to carry out the principal function of the college professor: to assist in the learning process of the student by advising, guiding, directing, goading, prodding, and inspiring.... When the giants are assessed in the history of LIT, Hans Erneman will loom large."

Born in southern Germany, Dr. Erneman attained his mechanical engineering degree with honors in 1930 from the Technical University of Berlin and became a research engineer in supersonic flow at the Siemens Institute. In 1937, he came to the United States in a research consulting capacity.

Dr. Erneman held patents in structural devices and kinetic energy transformation devices for seat belts and was co-author of the engineering text, "Preparation for State Examination." He continued to use his expertise while at LIT as a consultant to environmental industries and was named a federal advisor for evaluation of the National Science Foundation.

Dr. Erneman's last campus visit was last May for the retirement party for Dr. William Mikulus. He is survived by his wife, Constance, of Royal Oak. They had three daughters and two sons. Burial was in Germany. □

Chairman of the Board and Mrs. Wayne H. Buell pause with their yorky, Caesar, prior to a recent faculty brunch the Buell's hosted in their campus home.

Faculty and staff update

Robert A. Benson, assistant professor of architecture, appeared as guest artist with a new Baroque music group at St. David's Episcopal Church in Southfield. He is the organist and choirmaster at St. David's.

George F. Bowden, chairman of the construction engineering department, presents a special program entitled "Understanding Surveys" for the Real Property Law Section of the State Bar of Michigan on January 27. The program is part of the 1978-79 "Homeward Bound" series of continuing legal education programs sponsored by the section.

Anne M. Cattermole of Warren has been named associate in information services.

Responsibilities of her new position, part of the College's Office of Public and Alumni Relations, include news and feature writing and media relations.

"Anne brings excellent credentials to her new post," said Bruce Annett, director of the office. We believe that she will do a fine job informing the community of the many activities and programs occurring on the LIT campus," he added.

Ms. Cattermole's communication background includes serving as public relations director for the Warren City Council from 1972 to 1976 where she was in charge of public information projects and community relations. From 1976 to 1978 she served as public relations coordinator for Macomb Community College, handling press relations and news writing, as well as working on many College publications.

She is a 1972 graduate of Oakland University, where she earned her B.A. in English. She is completing a master's degree in English at the same institution.

Dr. Stephen R. Davis, dean of the School of Engineering, presented two addresses at the American Society of Metals Fourth Annual Heat Treating Conference/Workshop, October 10-12 in Chicago. Dean Davis was a speaker in sessions on "Financial Implications of Energy Conservation," and "Energy Savings with Minimal Expenditures."

Dr. Davis has also been installed as a member of the Michigan Association of the Professionals (MAP). He is chairman of the State of Michigan Joint Commission on Energy for the Michigan Society of Professional Engineers (MSPE) and MAP and also is chairman of the Council of Engineering Deans for the State of Michigan.

Eugene G. Gagnon, lecturer in associate studies, has been elected secretary-treasurer of the Battery Division of the Electrochemical Society.

The election was held during the organization's annual meeting in October in Pittsburgh, PA. Dr. Gagnon, who earned his B.S. degree at Loyola University, his M.S. degree at Stevens Institute of Technology in New Jersey, and his Ph.D. from Penn State, is a senior research scientist at the General Motors Research Lab. He is also a member of the American Chemical Society, Sigma Xi, and Phi Lambda Upsilon.

Stan W. Mullin, administrative assistant, was recently awarded a certificate of merit from the Detroit School District, United States District Court, Monitoring Commission for his volunteer work in Mackenzie, Redford, and Cody High Schools. The commission, founded by U.S. District Court Judge Robert DeMascio, is charged with making recommendations to heighten and improve security in the Detroit Public Schools.

Mullin, working voluntarily for two years, spent two half days per week at the three high schools and has helped considerably in efforts to make them safer for students and staff.

W. Thomas Munsell, P.E., has joined the full-time staff of the School of Architecture. He is a recognized regional expert in the field of masonry design and construction and will teach structural courses.

Manager of technical services for Testing Engineers & Consultants, Inc., Detroit since January, 1978, Munsell was for five years the structural engineer for the Masonry Institute of Michigan, Inc. M.I.M. sponsors a biennial contest in masonry design at the College and funds two architectural scholarships. Munsell has been visiting lecturer to the classes participating in the design competition.

A native of Missouri, he received his bachelor of civil engineering degree in 1964 at the University of Missouri.

Munsell is a registered professional engineer in Michigan. He is president of the Detroit Chapter of the Michigan Society of Professional Engineers, which in 1975 honored him by naming him "Young Engineer of the Year." He also is a member of the American Society of Civil Engineers, the Construction Specifications Institute and the Engineering Society of Detroit.

Kay Patton (Mrs. Jack) retired September 30 after 9½ years as a cashier in LIT's business affairs office. She reports she will devote more time to choir and other activities at the Church of the Redeemer (Episcopal), Southfield, creative ceramics, bowling, and her two grandchildren. She and her husband live in Novi.

Marilyn V. Rands, a resident of Rochester, has accepted appointment as an assistant professor of physics in Lawrence Institute of Technology's School of Arts and Science. She has been teaching part-time at the College since 1976.

Ms. Rands was a physics instructor at Oakland University (1968-1971) and a visiting lecturer there (1973-1975). She also was an assistant professor of chemistry at Oakland Community College from 1971-73 and a graduate teaching assistant at Michigan State University, where she earned her master's degree, from 1959 to 1964. She attained her bachelor of science degree in 1959 at Indiana State University.

She is a member of the American Physical Society and the Detroit Metropolitan Physics Teachers Association.

Blue Devil emporium

Gifts and novelties selected especially for LIT boosters by your College Bookstore. Adult clothing is available in small, medium, large and extra large sizes unless indicated. Shop the Bookstore in person and see these and many other fine items.

1. **Polyester-Filled Winter Jacket.** Navy and gold nylon with knit cuffs, 3 roomy pockets, **$18.95**
2. **Hooded Zipper-Front Sweatshirt.** Navy or lt. blue, 50% Kodel/50% polyester, **$11.99**
3. **Long Sleeve "It's better at" Sweatshirt.** Forest green w/white lettering or gray w/navy lettering, **$7.95**
4. **Coaches Jacket.** Nylon with cotton lining. Navy, **$17.50**
5. **Lawrence T-Shirt.** Navy with 3-color lettering, **$4.95**
6. **Nightshirt.** V-neck, short sleeve, long body. Lemon or red, **$5.15**
7. **Golf/Tennis Shirt.** Navy or white, **$9.75**
8. **Football Jersey.** Natural (buff) with navy lettering, **$7.75**
9. **Knit Cap.** Navy and white, **$5.60**
10. **T-Shirt.** Tan or Blue, 75% cotton/25% acrylic, **$3.69**
11. **Youth T-Shirt.** Blue, 75% cotton/25% acrylic S (6-8), M (10-12), L (12-14), **$3.20**
12. **Exercise Shorts.** Navy, 100% cotton, **$3.97**
13. **Pennant. $2.50**
14. **Mug.** ceramic, gold lettering on white, black, or blue, **$6.50**
15. **Mug.** ceramic, brown, **$3.95**
16. **Mug.** pewter, **$19.95**
17. **Mug.** armetale, **$8.95**
18. **Mug.** armetale, **$8.95**
19. **Miniature Mug.** white ceramic, **$1.60**
20. **Ash Tray,** armetale, **$4.95**

Order Form

To order, complete the order blank below, being careful to indicate name and order number of item, quantity, color, and size where applicable. If residing out of USA, please call (313) 356-0200, ext. 1, for shipping information. Enclose your check with order made payable to "Lawrence Institute of Technology Bookstore." Mail to LIT Bookstore, 21000 West Ten Mile Road, Southfield, MI 48075.

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Quantity	Item and Order Number	Color	Size	Total Price

sub total	
Please add 10% for postage and handling	
Michigan residents add 4% sales tax	
TOTAL	

Please allow 3-4 weeks delivery. Prices may change without notice.

Alumni Association News

Happy travelers. *The Alumni Association's fourth annual Detroit Lions Safari was a big success on December 9. The LIT group journeyed by bus from campus to Pontiac and cheered the Lions to victory over the Minnesota Vikings. Attendees included the following alumni, Presidents Club members, faculty, seniors, their family or friends: Jim Battle, Vincent Cornacchia, Kenneth Farquharson, Leonard Forrest, Irene Gordon, Art Kelley, Chuck Koury, Walter Schoneck, Jeff Shires, Bernard Wezner, Howard Whitston, Karl Whitston, and Willie Wolf.*

Alumni benefit from LIT's growth, president says at special meeting

"The many activities taking place at LIT today cannot help but positively affect alumni of the College," asserted Dr. Richard E. Marburger, LIT president, at a special program for area graduates sponsored by the Alumni Association on campus November 14.

"The College is moving ahead in meeting the needs of students and the professions by formulating programs that help make students eminently employable through thorough preparation, by considering exciting new academic options, by enriching the curricular program with prominent guest lecturers and visitors, and by providing well-equipped facilities," he added. "LIT is committed to the axiom established by my predecessor, Dr. Buell, that 'private colleges serve public purposes.' Alumni can take pride in their College for what it has been and, with their help, what it will be."

The special general membership meeting, which preceded the Association's monthly board of directors meeting, was an effort by the alumni board to increase the participation of graduates in the affairs of the College, according to Marlyn K. Lisk, IM'73, president of the Alumni Association.

"It's important for alumni to realize that the growth and advancement of LIT is closely associated with their own status in career and community," Lisk said. "What's good for LIT is good for it's alumni!"

Also featured was G. Robert Harrington, vice president for development, who discussed LIT's future building plans with particular emphasis on a business and management building and activities center. Bruce Annett, director of public and alumni relations was moderator. □

Alumni Notes

News for Alumni Notes

Use the space below to send us news about you or your L.I.T. friends. Tell us about honors, promotions, marriages, appointments and activities. Moving? Please send us your new address.

Name _____ Major _____ Class Year ___

Street _____

City _____ State _____ Zip Code _____

☐ Check here if this is a new address

News notes:

Send to: Director of Public/Alumni Relations, Lawrence Institute of Technology, 21000 West Ten Mile Road, Southfield, Michigan 48075.

1933-49

An honorary doctor of laws degree was presented to **Edward J. Donley,** ME'43, by LeHigh University of Bethlehem, PA on October 8. He is chairman and chief executive officer of Air Products and Chemicals, Inc., Allentown, PA.

Donley has served as a member of the LIT Corporation since 1971 and was an alumni achievement award winner in 1959. In 1976 he was the college's commencement speaker and is a member of the LIT Presidents Club.

1950-59

Helma U. Fuhrman, ME'51, has been honored by the Redford Lutheran church for completing 50 years of service as a Sunday school teacher. Helma, who retired from the engineering field in 1971, also directed special Sunday school classes during the week for handicapped children.

Ernest W. Kosty, IM'53, has been promoted to midwest region practice director for electronic data processing at Arthur Young and Company, Cincinnati, OH. Ernest won the alumni achievement award in June, 1971.

Robert J. Domagalski, BT'58, has been re-elected to the Board of Education for Warren Consolidated Schools. He has been a member of the board for eight years.

Robert is sales manager for Scalfolding Inc. of Detroit and treasurer and a director of the Carpenter Contractors Association of Detroit. He is also a member of the Warren pension board and St. Anne's Church of Warren.

Lawrence H. Hogan, PE, MBA, ME '58, has been appointed president and chief executive officer of Matrix Churchill Corp. in Cleveland, OH. He is also a director of two United Kingdom affiliates. Formerly vice president and general manager of operations at Matrix, Lawrence resides in Chagrin Falls, OH.

Matrix Churchill manufactures high technology CNC machine tools for hobbing, grinding and turning.

1960-69

Edward J. Burke, IM'60, has joined Diamond Crystal Salt Company of St. Clair as manager-productivity systems and training. In this position, he will be active in monitoring and improving operating manufacturing systems and in the orientation and training of the supervisory force.

Ed previously was manager-manpower planning for Parke, Davis and Co. of Detroit.

Kenneth J. Kosnic, IM'64, has been elected to one of three judgeships in the newly-created 41st A District. The district covers Sterling Heights, Utica, Shelby Township, and Macomb Township.

Ken earned a juris doctorate degree from the University of Detroit Law School and was most recently a practicing attorney associated with the firm of Kosnic, Trim and Kranz. He is a member of the Michigan State Bar Association, the Macomb County Bar Association, the

Mr. & Mrs. Art Kelley, ME'47, and Mr. & Mrs. Bruce Polkinghorne, ME'50, were among the Alumni Association or Presidents Club officers attending a recent faculty brunch hosted by Dr. & Mrs. Wayne H. Buell, ChE'36.

American Trial Lawyers Association, the Advocates, a Polish lawyers association, the Utica Rotary Club, the American Polish Century Club, the American Polish Citizens of Macomb County, and is the president of the Sterling Heights Fraternal Order of Police Associate Lodge.

Lacel C. Rivard, IT'65, has been named regional product manager for the midwestern region of Detroit Diesel Allison Division of General Motors Corporation, located in Oak Brook, Ill. He will be responsible for providing product expertise to all regional sales personnel and for developing market oriented product emphasis programs.

Lacel joined Detroit Diesel Allison in 1956. He held various sales-related positions in the home office and in Dallas, TX. Most recently, he was the zone sales manager for the St. Louis, MO area. He resides with his wife and three children in Downers Grove, IL.

Roger E. Avie, IM'68, has been promoted to director of marketing and sales by the H. W. Kaufman Financial Group. He was formerly group comptroller. Roger is also consultant-director of Financial Business Associates, specializing in small business financing.

The home which **Louis Des Rosiers,** Ar'68, designed for himself and his family in Addison Township was featured in recent editions of the *Eccentric* newspapers. The home was completed in 1974. It incorporates 10 levels and has 6400 square feet of living space. To take best advantage of the seven-acre peninsula on which it sits, the home was built on a curve to give a total 270 degree view from various parts of the house.

Louis designed the contemporary structure to become a part of the natural surroundings and strove to match the interior to the family's open life style.

Lawrence H. Goldsmith, IM'68, was recently featured in the "Notables" column of the Detroit Free Press' *Detroit* magazine for his involvement with the Southfield Home Information Center. Taking over in July of this year as director of the center, Larry has turned it into a top-notch welcome and information place for new Southfield residents.

He was formerly employed by the City of Southfield as a recreation supervisor and deputy director of labor relations for the Department of Parks and Recreation.

1970-79

William F. Goode, III, IM'70, has been named plant controller for Volkswagen Manufacturing Corporation of America's South Charleston, WV, Stamping Plant. William joined Volkswagen in September, 1977, as the superintendent, manufacturing planning at the corporate headquarters in Warren. He has also worked for Chevrolet Motor Division in various financial positions.

William currently resides in Troy but will soon relocate, with wife Cheryl and their two children, to the South Charleston area.

Stephen J. Tertel, II, Ar'70, has been promoted from project manager to project planner at the Austin Company. His sales responsibility will be the northern part of lower Michigan and the "thumb" area.

Giles Ziolkowski, IM'70, has accepted a position as product marketing manager of Stanley Vemco of Detroit, a division of the Stanley Works in New Britain, CT. Giles was formerly employed by Florists' Transworld Delivery, Southfield, as assistant director of advertising and public relations. He received his M.B.A. from Eastern Michigan in December, 1976.

Lee K. Kirkpatrick, IM'73, is plant manager of Heyer Schulte Corp., subsidiary of American Hospital Supply Corp. in Goleta, CA.

George Granderson, Ch'74, was awarded a Ph.D. in education administration and supervision from the University of Michigan in August. He is presently serving as the science department head at Southwestern High School in Detroit.

Robert A. Muylaert, IM'74, has just completed a year and a half as project leader on an endeavor to design and implement a materials requirement planning system for the worldwide marketing physical distribution division of Federal-Mogul Corp. Robert joined Federal-Mogul in 1974 and is currently a systems analyst in data processing.

Martin Papesh, PE, EE'74, has been made an associate in Albert Kahn Associates, Inc., architects and engineers. He joined the firm's electrical engineering department in 1976 and was named associate in accordance with a policy established to recognize key employees' ability, loyalty, and merit.

Martin is a member of the Institute of Electrical and Electronic Engineers and the Electrical Engineering and Construction Society.

Jill M. Werschin, BA'75, has been promoted to lieutenant, junior grade, in the U.S. Navy. She is now stationed in Guam.

Thomas J. Wierzbicki, IM'75, has been promoted to district sales manager in Dallas, TX, for Time, Inc., publishers of *Time, People,* and *Sports Illustrated* magazines. Tom is the youngest man ever to be promoted to this position within the corporation.

Richard W. Mitchell, Ar'76, has joined the Marquette staff of Graheck, Bell, Kline & Brown, architects and engineers. Richard's responsibilities include working drawing production for upper peninsula projects. Prior to accepting this position he worked for several Detroit architectural firms.

John Genuise, Jr., Ar'77, was listening to wedding bells on June 10 as he married the former Rebecca Kovacs. John and his new wife will reside in Southgate.

James Tyrpak, Ma'78, has been commissioned in the rank of Navy ensign after completion of Aviation Officer Candidate School in Pensacola, FL. During the 13-week training course, James was instructed in such areas as leadership training, military justice, navigation, sea and land survival, aviation physiology, and basic aircraft engineering.

Wedding bells were ringing for **Robert Wren,** EE'78, and his new bride, the former Denise Filippone, on October 20. The new couple were married at Guardian Angels Church in Clawson and are now residing in McKeesport, PA. Robert is employed by Westinghouse Bettis Atomic Power Laboratory.

Robert D. Young, EE'78, has accepted a field engineering position with General Electric's Installation and Service Engineering Division (I&SE). He will be receiving technical training at I&SE's Field Engineering Development Center in Schenectady, NY. I&SE offers technical direction, job management, and complete project services for installation, maintenance, and start-up of GE mechanical, nuclear, electrical, and electronic equipment.

Robert is a member of the Institute of Electrical and Electronics Engineers.

Paul H. Zang, ME'78, has been named an instructor in LIT's School of Engineering. Dr. Stephen R. Davis, dean of engineering, has assigned him to teach courses in engineering graphics and statics and to conduct a materials laboratory.

A student assistant in engineering graphics during the last academic year and a summer instructor of this course, Zang will teach in the Day College. He is attending the Rackham School of Graduate Studies, University of Michigan-Dearborn, where he is studying for his master's degree in mechanical engineering at night.

Zang was instrumental in the chartering of the LIT student chapter of the American Society of Mechanical Engineers last February and served as its first chairman. He also was chairman of the Tune-up Clinics for the Society of Automotive Engineers and is a member of the Engineering Society of Detroit and the National Association of Corrosion Engineers.

In memoriam

Edwin J. Haudek, MT'65, of Sterling Heights October 18, 1978. Design engineer, Chevrolet Engineering, Warren. Member Society of Automotive Engineers. Survived by his wife, Gloria, one son and two daughters.

Ernest G. Jeanne, ME'43, of Westland, February 1978. Employed by Epworth Manufacturing Company.

Richard Rowe, Jr., EE'58, of Windsor, Ontario, April 18, 1978. Teacher of electronics at Lambton College, Sarnia. Survived by his wife, Dawn, and three sons.

Lawrence
INSTITUTE OF TECHNOLOGY
Office of Public and Alumni Relations
21000 West Ten Mile Road
Southfield, Michigan 48075

Non-profit Organization
U.S. Postage
PAID
Permit No. 54
Southfield, Michigan

A00012
MR GARY COCOZZOLI
20557 POINCIANA
REDFORD MI 48240

ADDRESS CORRECTION REQUESTED

Coming up!

February 13 Architecture Design Lecture Series: David Osler, Ann Arbor architect, "Design From a Small Office," Noon, Arch. aud.

February 26, 27, 28 Registration, Day College third term baccalaureate classes. Classes begin March 1.

March 6 Architecture Design Lecture Series: William Hobbs and Richard Black, Hobbs & Black Associates, Architects, Ann Arbor, "Design and Scale," Noon, Arch. aud.

March 8 Architecture Second Thursday Lecture: Edmund Bacon, urban planner, 7:30 p.m., Arch. aud.

March 13 Architecture Design Lecture Series: James Abernethy, LIT associate professor, "Human Response to the Built Environment," Noon, Arch. aud.

March 20 Architecture Design Lecture Series: Lloyd and Renee Radell, instructors Mercy College, "Painting, Printmaking and Sculpture," Noon, Arch. aud.

March 22 Architecture Special Thursday Lecture: Leonard Eaton, UM architecture professor, 7:30 p.m., Arch. aud.

March 28 Architecture Design Lecture Series: Christopher Wzacny, Christopher Wzacny & Associates, Architects/Planners, Birmingham, "Cities and Architecture," 6 p.m., Arch. aud.

April 3 Architecture Design Lecture Series: Gunnar Birkerts, Gunnar Birkerts & Associates, Birmingham, "Philosophy of Architecture," Noon, Arch. aud.

April 28 Alumni Dinner Dance

April 28, 29 All-campus Open House